Id	Priority	OS Feature/Capability	Use Cases
1		**Data Storage, Hosting, Operations, Interoperability**	
1.1		SCOS CRUD capability through APIs, streaming, ingest	- Age-outs for different services and needs. Offer to private agencies and their vendors,parents – more efficient/effective, collaboration between agencies, nonprofits Ex. Case worker provides services - Service catalog - Follow up with SMEs (Subj. Matter Experts) - Coordination with various agencies – no uniform systems across providers - enables crowdsourcing - reference data from government departments - one stop shopping, proxy - Cyclists can report dangerous locations - Crowdsourced open mapping for sidewalks. Data from the impaired user is best evaluation. - Transit data around large events and construction projects - Flexible to deal with issues as they happen, e.g., access to external data for power outage, snow emergenies, - Automated, made smart - Networked traffic systems – signals, etc. Control remotely and communicate between them – signals, etc. - Automated, made smart - Insurance claims, etc. as supporting data
1.2		Interoperability with external data sources through APIs/EDI, streaming, export, IoT, screen scraping	- Supports use cases like above for those not able or willing to actively store data in SCOS. For example, the AccuWeather developer API provides source of frequently updated localized weather information. - Supports exporting data to third parties for their own use.
2		**User Messaging, Notifications, Alerts, Dashboards, Opt-in Tracking, Customization**	
2.1		User Profile/portal	- Can you customize alerts you get? - Don't track identity (PII) – privacy. What about opt-in?
2.2		Alerts, messaging, notifications	Ex. NextDoor app, Amber Alert - Govt. has issues getting in the middle of info. exchange – liability, accuracy, etc. - Inform police depts. etc. - Commutes, Events, micro communities, neighborhoods, occupation types, nonprofit events, crime safety, power outage, disaster - messaging platform - for interagency collaboration/dialogue - Messaging for "unconnected users". Traffic signs – like ODOT, kiosks at bus stops? – information source - Cyclists/pedestirans can report dangerous locations
2.3		Opt-in tracking	- Locating disabled individual if lost (privacy issues)
3		**Data Discovery/Quality/Certification, Incentives**	
3.1		Find dataset with search by organization, keyword, data dictionary details	- preview before downloading

3.2		Machine learning and predictive analytics	- Classification of ingest data where curation is not feasible
3.3		Qualitative and Quantitative, ratings of data - completeness, accuracy, how current	- preview before downloading - Self ratings on key metrics - Fitness for types of applications (is data good enough for purpose) - Crowdsourced ratings - Automated checks for completeness and validity of data
3.4		Data provider Incentives	- like insurance safe-driving discounts - incentives for providing data - for data freshness and accuracy - data provider support (cleaning, free tools...)
4		**Data Visualizations - heat maps, graphs, etc.**	
4.1		Visualization tool that allows users to explore various layers of data on a map and density (heat mapping)	- preview before downloading - Common formatting, Geospatial data (draw on map, layering) - Accessibility data, e.g., layer sidewalk data with senior population density, ramps, lighting, etc. - safety data, e.g. overlay traffic and weather data - Overlay transit data with construction and large events - heat mapping for foot traffic - Support planning portal for Nonprofits - Crime and Accident safety, use trama care data overlayed with walking routes
5		**Community Progress/Usage**	
5.1		Fundraising Portal	- To raise/give funds for local initiatives (micro-grants)
5.2		Planning Portal/Data	- Provide info. On other events – to avoid or coordinate Esp. with event planning - Schedule volunteers and keep engaged - Pool resources for multiple nonprofits?
		Process/portal tools	- for government interaction - event calendars, resource catalogue - permitting, drivers license, small biz, non profit - community meetings (notes, announcements) planner - CRM database
		Budgeting tools (for non profits, startups)	
6		**Services - Analysis, Reporting, Onboarding, Strategic Partnerships**	
6.1		Operational efficiency/supply chain management (i.e., business analyst)	
6.2		Coach/advisor (through permitting, analysis, reporting)	
6.3		KPI analysis, report or impact metrics (census data, local vs. fed)	- Use data for real world recommendations, e.g., Standardize crosswalk symbols to promote ADA-friendly sidewalks and glow in the dark pavement markings.

6.4		Onboarding/Instructional content	- How can we rapidly educate new users in the operation of the platform? - What onboarding content would be necessary (video, in-page tooltips, wiki, etc)?
6.5		Strategic partnerships	- targeted advertisements, sponsorships' - mentorship/advisor (community service) - transportation options to an event (paired with transportation partner)
6.6		Succession planning/talent connection	